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Land Grid Array Socket with Diverse Contacts**Abstract**

A socket, such as a Land Grid Array (LGA) socket, for forming electrical
5 connections between a first surface having a first contact array and a second surface
having a second contact array. The socket includes a plurality of compliant contacts,
each contact inserted into one of a plurality of passages that extend through a plate. Each
contact has a first contact surface for electrically engaging the first contact array, and a
second contact surface for electrically engaging the second contact array. At least one of
10 the contacts is a low current contact, and at least one of the contacts is a high current
contact capable of passing more current than the low current contact.